

# MPX SERIES

## Metallized Polypropylene Film Capacitor (Interference Suppressors Class—X2)

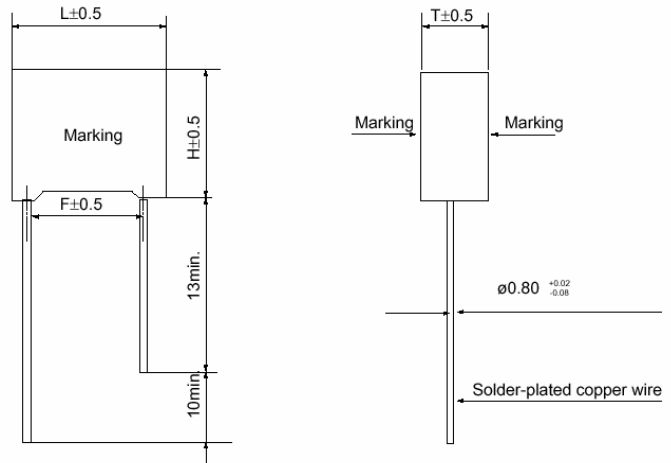
MPX are constructed with metallized polypropylene film as dielectric and electrode, with copper-clad steel leads, encapsulated in plastic case with epoxy resin sealed. They provide Interference Suppression with safety approvals.

### FEATURES:

- Self-healing properties.
- Flame-retardant plastic case and epoxy resin.
- High moisture-resistance.
- Good solder ability.

### SPECIFICATION

1. OPERATING TEMPERATURE: -40°C -- +85°C
2. CAPACITANCE RANGE: 0.001μF – 0.47μF
3. CAPACITANCE TOLERANCE : ±10%(K),±20%(M)
4. RATED VOLTAGE: 250VAC/275VAC (50Hz/60Hz)
5. DISSIPATION FACTOR: 0.1% max. at 1KHz, 25°C
6. INSULATION RESISTANCE: >30,000 MΩ(C≤0.33μF).  
>10,000 MΩ·μF/C (C>0.33μF).
7. DIELECTRIC STRENGTH TEST: 1.075VDC/1min. or 2,000VDC/1Sec.



Unit:mm

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RV SIZE CAP(μF)	250VAC / 275 VAC				
	L ±0.5	H ±0.5	T ±0.5	F ±1.0	dØ ±0.05
0.0047	12.5	11.0	5.0	10.0	0.6
0.0056	12.5	11.0	5.0	10.0	0.6
0.0068	12.5	11.0	5.0	10.0	0.6
0.0082	12.5	11.0	5.0	10.0	0.6
0.010	12.5	11.0	5.0	10.0	0.6
0.012	12.5	11.0	5.0	10.0	0.6
0.015	12.5	11.0	5.0	10.0	0.6
0.018	17.5	11.0	5.0	15.0	0.8
0.022	13.0	12.0	6.0	10.0	0.6
0.027	18.0	11.0	5.0	15.0	0.8
0.033	13.0	12.0	6.0	10.0	0.6
0.039	18.0	11.0	5.0	15.0	0.8
0.047	18.0	11.0	5.0	15.0	0.8
0.056	18.0	11.0	5.0	15.0	0.8
0.068	18.0	11.0	5.0	15.0	0.8
0.082	18.0	12.0	6.0	15.0	0.8
0.100	18.0	12.0	6.0	15.0	0.8

RV SIZE CAP(μF)	250VAC / 275 VAC				
	L ±0.5	H ±0.5	T ±0.5	F ±1.0	dØ ±0.05
0.12	18.0	13.5	7.5	15.0	0.8
0.15	18.0	15.0	8.5	15.0	0.8
0.18	18.0	15.0	8.5	15.0	0.8
0.22	18.0	15.5	9.5	15.0	0.8
0.27	26.5	16.5	7.0	22.5	0.8
0.33	26.5	17.0	8.5	22.5	0.8
0.39	26.5	19.0	10.0	22.5	0.8
0.47	26.5	19.0	10.0	22.5	0.8
0.56	26.0	19.0	10.0	22.5	0.8
0.68	31.0	21.0	11.0	27.5	0.8
0.82	31.0	21.0	11.0	27.5	0.8
1.0	31.0	23.0	13.0	27.5	0.8